

- ☐ Method of **cleaning membrane** separation apparatus use for filtering treated water, involves changing the release of air through aeration opening.

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NOVELTY - The film (4) immersed in treated water (3) of treatment tank (1) is **cleaned** using **membrane** separation apparatus (10) by aerating gas, which is released from aeration opening. The release of gas from aeration opening is changed once or twice.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the membrane separation apparatus.

USE - For filtering treated water.

ADVANTAGE - The density of the **air flow** and the **flow** of water added to the film is changed frequently. The solid substance adhered on the film is removed efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic sectional drawing of the membrane separation apparatus.

Treatment tank 1

Treated water 3

Film 4

Membrane separation apparatus 10

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